STIC-Biotech/ChemLib

79265

From: Sent:

Chan, Christina

To: Subject: Monday, November 04, 2002 7:23 AM Sullivan, Daniel: STIC-Biotech/ChemLib RE: Rush Sequence Search 10/080980

Please rush. Thanks Chris

Chris Chan TC 1600 New Hire Training Coordinator and SPE 1644 308-3973 CM-1, 9B19

----Original Message-----

From: Sullivan, Daniel
Sent: Saturday, November 02, 2002 11:42 AM

Chan, Christina

Subject:

Rush Sequence Search 10/080980

Hi Chris,

Here is another sequence search for a 2 month amended case due 11/16.

Please search the standard and issued patent databases for a polynucleotide encoding at least 50 contiguous amino acids of SEQ ID NO:2.

Thank you, Dan

Daniel M. Sullivan Examiner AU 1636 Room: 12D12 Mail Box: 11E12 Tel: 703-305-4448

Point of Contact: Mona Smith Technical Information Specialist CM1 6A01 Tel: 308-3278

| Searcher: M Swill |
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| Phone: |
| Location: |
| Date Picked Up: いりょう |
| Date Completed: 1116/02 |
| Searcher Prep/Review: |
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| TYPE OF SEARCH: |
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| Full text: |
| Patent Family: |
| Other: |

| VENDOR/COST (where applic.) |
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ALLENMENTS

KEYWORDS SOURCE RESULT 1 BB656777 LOCUS KEFEKENCE VERSION ACCESSION NUTTINIAN ORGANISM BB656777 BERTH Fall broath or the meNA finear EST to out tood BB656777 RERENTALL broath or totals. It days out to a post good must must musculus cDNA clone DEG0000MIL 57, meNA sequence.

RB656777 Mus musculus house mouse ESE BB656777.1 G1:16490604

Bukaryota; Metazoa; Chordata; Ctaniata; Vertebrita; Giteleostomi Mammalia; Eutheria; Rodentia; Scinrodnathi; Muridae; Murinae; Mu Lases I to 632)

. Hiramoto, K., Hori, F., Ishii, Y., Ito.M. Arakawa, T., Carminei, P., Bukuda, S., Putanic M. C. Bananaki, L. Kontoo, H., Harra, A

ACTIORS

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URL.http://j-k-e-qs-riker.go.jp,
Carolici.P. Shibata.Y. Hayatsa.M. Sugakara.Y. Shikara.K. Itah
.M. Komo.H. Obaraki.Y. Muramatsu.M. and Hayashicaki Y.
Normalization and subtriction of circlivapper selected dBMs to
prepare full-length cDNA libraries for rapid discovery of new
denos. Genome Res. 10 (10), 1617-1630 (2000)
waqi.K. Fujiwake,S. Houo,K. Toqawa,M. Ohara,E.,
Watahiki.M. Yopeda,Y. Ishikawa,T. Ornwa,K. Tonak,T. Matsurra
.S. Kawai,J. Okazaki.Y. Muramatsu M. Food.
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Fax: 81-45-503-9216
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The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suchiro-cho, Tsurumi ku, Yokohama, Kanagawa 230 0045, Japan
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Human Genome Sequences, Mamma, Connume, 12, 673-677 (2001)
Please visit our web site (bitp://genome.gso.riken.go.jp) for
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                    Email.genome resegscriken.ab.jp, uRLLNI, Proved A. (1997), Bugahara, Y., Shibata, K., Hob., Carninel, Y., Shibata, Y., Muramats., M. and Bayashizaki, Y. Normalization and subtraction of cap-trapper selected cDNAs to prepare tull-length cDNA libraries for rapid discovery of new genes. Genome Res. 10 (10), 167-1630 (2000) waqi, K. Hojwate, S. Houle, B. Logawa, Y. Howat, M. Ohara, E., Watshiki, M., Yoneda, Y., Ishikawa, T., Grawa, K., Janeka, T., Matsunta Watshiki, M., Yoneda, Y., Ishikawa, T., Grawa, K., Janeka, T., Matsunta
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Hiramosto, K., Hariara, Lishila, L., Lio, M., Bakada, L., Wonno, H., Kouda,
M., Kayasa, K., Matsayama, T., Myadaki, A., Macca, K., Choo, M.,
2Frinki, v., Chik, T., Sait, F., Spini, C., Spini, F., Shouki, Saaki
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Laberatory for Geograme Exploration Research Group, FIKEN Genomic
Sciences Center(CSS), Yokohama Institute
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae: Murinae: Mus
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Mi, M., Tayawa, A., Takahashi, F., Takeda, Y., Jareka, T., Toya, F.,
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wanti, K., Fujiwako, S. Hudek, K., Dotawar, Y., Liawa, M. Odara, J. S., Kawali, J. Osazaki, S., Kawali, J. Sakaka, J. J. Sakaka, J. 
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RIKEN integrated sequence analysis (EESA) system. 684 format sequencing pipeline with 484 multicapittary sequencer, denome Res. 10 (11), 1757-1771 (2000)
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contributed to prepare mouse tissues. Ist strand cDNA was
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Watabaka, M., Yomeda, Y., Ishikawa, T., Orawa, K., Tabaka, I., Matsumra
IS., Kawan, J., Okazaki, Y., Muramatsu, M., Thoue, Y., Kira, A., and
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Yamanaka, E., Kiyosawa, H., Kondo, S., Sarto, L., Shinadawa, A., Ardawa, K., Pokodo, S., Bran, A., Tedo, M., Kawatal. Shibata K., Ardawa, Ishibit, Y., and Hayashidaki, Y.
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National Institute of Genetics
Ill1 Yata, Mishima, Shizuoka 411 8540, Japan
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Contact: Tadasu Shin-i
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1 (Bases 1 to 274)
Llas McCo-El Sarvia Correa.E. V. Jerski Alaxida.C., Briores.M.R.,
Nagai,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,E.F.,
                             BE173842
                                                               CMO-HT0567-010300-256-e04 HT0567 Nomo sapiens cDNA, mkNA sequence
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Hillier, L., Allen, M., Rewles, L., Cubuque, T., Geisel, G., Lost, S.,
Krizman, D., Kucaba, T., Lacy, M., Le, H., Lennen, G., Marra, M., Martin
, J., Moore, R., Schellenberg, K., Steptue, M., Tau, F., Theising, R.,
White, Y., Wylle, T., Waterston, P. and Wilson, P.
                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 666)
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This cloke is available royalt; free through LLHE, confact the
IMAGE Consertium (infe@image llnl.gov) for further information.
Seq_primer: 40HP from Gibes
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, M., Koya, S., Matsuyama, T., Miyasaki, A., Romara, K., Osho, M.,
okazaki, Y., Oshio, J., Salto, K., Sakai, C., Sakai, E., Sanc, H., Stepki
, D., Shibata, K., Shinagawa, A., Shiraki, T., Segabe, Y., Suzuki, H.,
Tayami, M., Tayawa, A., Takabashi, F., Takoda, Y., Tanaka, T., Toya, T.,
Muramatsu, M., and Bayashiraki, Y.,
RIKEN, Mouse, ESTS. (Arakawa, T., et al. 2001)
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Carninci.p. Shibata Y. Hayatsu N. Segahara Y. Shibata,K., Itoh

,M., Konno,H., Ckazaki,Y., Maramatsu,M. and Hogashiraki,Y.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Computational Analysis of Full-Length Mouse cDNAs Compared with Human Genome Sequences, Mamm. Schome, 12, 673-677 (2001)
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Fax. 81-45-503-9226
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The Institute of Physical and Commical Recearch (SIKEN)
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S., Hillier,L., Kucaba, C., Marrack, Feek C., Wylocal, M.,
.K., Stepher,M., Hersinakh, Aleman, h. wors, Y., Letsen, B.,
Swaller,J., Gibbons,M., Pape,D., Harvey,N., Geburk,R., Fifte
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cDNA Library Preparation: John Nai: cDNA Library Arrayed by:
Matthew Clark. DNA Sequencing by: Washington University Genome
Sequencing Center Clone distribution: Genome Systems, St. Louis,
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CCNA Library Arrayed by:
CCNA Library Preparation: John Nail oDNA Library Arrayed by:
Matthew Clark DNA Sequencing by: Washington University Genome
Sequencing Center Clone distribution: Genome Systems, St. Louis,
Missuri (web address, www.jeuchness.bkcms.com) (cdail do.Lact.
info@genomesystems.com) and Research Genetics, Huntsville, Alabama
(web address, www.resgen.com) (cmail donLact. info@lesgen.com) and
Email: Contract conficient address.
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4444 Firest Park Parkway, New 8501, St. Leais, MO 63108, USA
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Contact: Stephen L. Johnson
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Clark, M., Johnson, S.L., Lebrach, H., Lee, R., Li, F., Marra, M., Eddy, S., Hillier, L., Kucaba, T., Martin, J., Beck, C., Wylie, T., Underwood, R., Steptee, M., Ibdisin, R., Aller, M., Howers, Y., Ferson, B., Swaller, T., Cittens, M., Pape, D., Brewey, H., Scherk, R., Kitter, E., Swaller, E., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R., Cardenas, R., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R., Cardenas, R., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R., Cardenas, R., Shin, C., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R., Cardenas, R., Shin, C., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R., Cardenas, R., Cardenas, M., McCann, R., Waterston, R., Cardenas, R., Carden
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Other ESTs: fvi4621.xl
Contract. Stephen L. Johnson
Washington University School of Medicine
4444 Forest Fark Farkway, Box 8501, St. Louis, Mo 64108, USA
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| Alignment Scores: Prod. No.: Score: Percent Similarity: Best Local Similarity: Query Match: | : SEQ ID NO 4 : LENGTH: 5597 : TYPE: DAX : ORGANISM: Homo Sapiens US-09-895-072-4 | PILE REPERENCE: 210119050000F THE REPERENCE: 210119050000F THE PILE REPERENCE: 7001507 02 THE PILE REPERENCE: 7001507 02 THE PILE REPERENCE: 7001507 02 THE REPERENCE: 7005000 14 THE REPERENCE: 70050000000000000000000000000000000000 | ACTION OF TAXABLE A MILET STORY WE STORY WE WANTON: VALUE OF THE MECHANISM OF THE STORY WE STORY WITH THE STORY WE STORY WE STORY WITH THE STORY WE STORY WE STORY WITH THE STORY WE STORY WITH THE STORY WE STORY WE STORY WITH THE STORY WE STORY WITH THE STORY WE STORY WITH THE STORY WE STORY WE STORY WITH THE STORY WE STORY WITH THE STORY WE STORY WE STORY WITH THE STORY WE STORY WE STORY WE STORY WE STORY WITH THE STORY WE STORY W |
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PRIOR FILING DATE: 2000-09-25
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TITLE OF INVENTION: METHODS FOR PROPRICING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
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PRIOR FILING DATE: 2000-09-27
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CUPPENT FILING DATE: 2001-09-18
FRIDE APPLICATION NUMBER: 05/60/233,617
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DEG IF NO 1948
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                                                                      NE EXPENSED IN PLACENA, SIGNAL 6.8

81 EXPERSED IN LUBE, SIGNAL 6.9

81 EXPERSED IN PLACITURE, SIGNAL 9.2

81 EXPERSED IN BEAL LUVER, SIGNAL 9.2

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82 EXPERSED IN MEAN SIGNAL 9.3

83 EXPERSED IN HEAL SIGNAL 9.3

84 EXPERSED IN HEAL SIGNAL 9.3

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APPLICATION NUMBERS US OGGRED, REA FILING DATE: 2000 08 03

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PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCI/US01/00663

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PRIOR APPLICATION NUMBER: PCI/US01/00670

PRIOR APPLICATION NUMBER: US 60/244, PX7

PRIOR APPLICATION NUMBER: US 60/408, 408

PRIOR APPLICATION NUMBER: US 04/608, 408
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TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION FILE REFERENCE: 16511 006/27-21(1029A) CUMPENT APPLICATION NUMBER: US/09/960,352
                        APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Byatt, John C.
TITLE OF INVENTION: MICIEIC ACID AND OTHER MOLECULES ASSULTATED WITH LACTATION AND
TITLE OF INVENTION: MICIEIC ACID AND OTHER MOLECULES ASSULTATED WITH LACTATION AND
FILE REFERENCE: 16511 006/77-21(10298)C
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NUMBER OF SEQ ID NOS: 49117
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PRIOR APPLICATION NUMBER: POT/USA1/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: JAN1-40
PRIOR APPLICATION RUMBER, PC1, 98-1, 00667
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APPLICANT: Hanzel,
APPLICANT: Chen, W
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HILLE JE INVENTION: JENE EXTERSION ARALYSTE BY MICH. ARRAY
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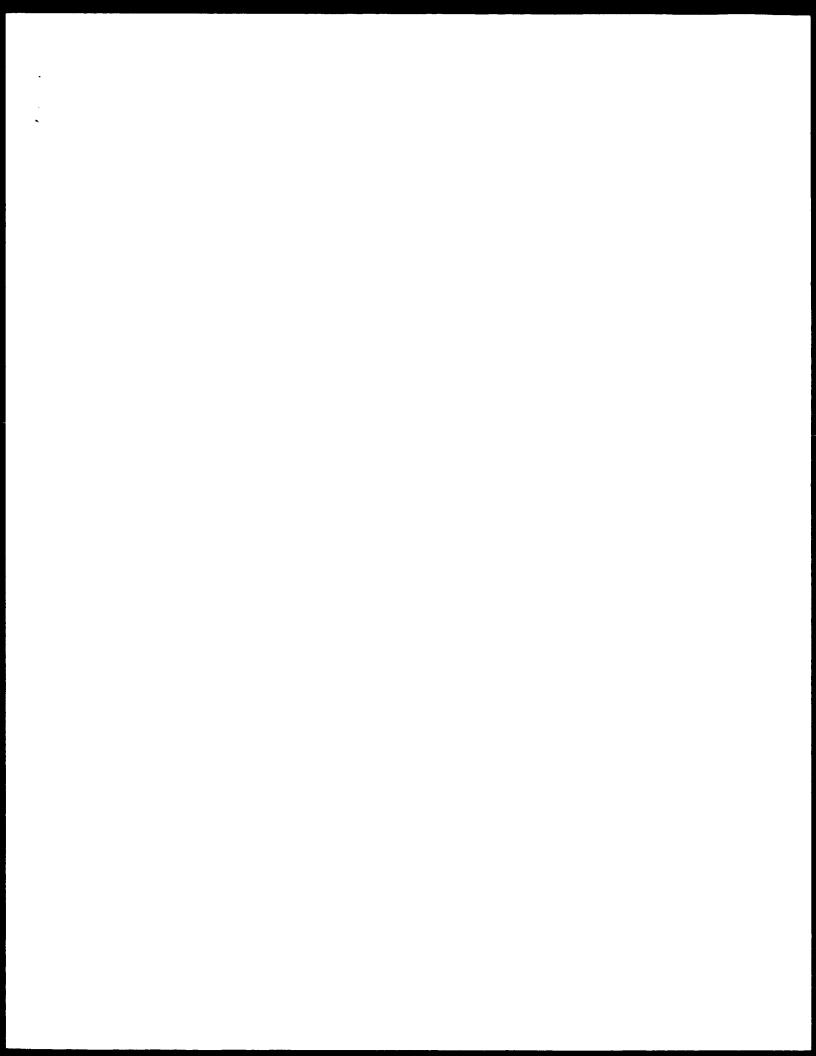
NUMBER OF SEC ID NOS: 49117

SOFTWARE: Annohox Sequence Listing Engine Sens.
SEC ID NO 5987
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AFFLYAKI. Boltman, Neil
TITLE OF INVIKITOR: Expressed Sequences of Arafrot 48.8
TITLE OF INVIKITOR: thallana
FILE REFERENCE: 2024 (FARA of GRV)
- THAPT TAKE X XMMGE 0.1 (277), 147
CURRENT FILLING DATE: 2001 61 26
THAP ATT. A ATT RUMBER: 7,7178, 147
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SOFTWARE: FastSEO for Windows Version 4.0
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NUMBER OF SPECIAL RESE
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                       ORGANISM: Arabidopsis thaltana
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Alien, Keith
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Baas, William bayıd
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APPLICANT: Olga Bandman
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 45
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CURRENT FILING DATE: 2003-01-09
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APPLICANT: Sadut, Finat
TITLE OF INVENTION METHORS AND THEKAPEULIC COMPOSITIONS FOR IREATINE CANCER
FILE REFERENCE: 01,72336
                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 850
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                                                                                                                                                                      FEATURE:
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APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chon, Weischeng
TITLE OF INVENTION. HUMAN SENOME DEFIVED STRUCK EXCH HUGLER: ACID FROBES USEFUL FO
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                        PRIOR FILLING DATE: 2000-08-03
FRIOR APPLICATION NUMBER: 08 44263.6
FRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
                                                                                                                              FRICK FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
FRIOR FRICANITYM NUMBER: US 00/612,605
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CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
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SOFTWARE: PERL Program
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| 7. 7. | | . | Ţ. | Ξ 7. | <u>.</u> . | 7.1 | <u>;</u> | Ţ. | Ē | <u></u> | <u>77.</u> | <u>~</u> | | | <u>7.</u> | | | <u></u> | | | <u></u> | 35. E | Ž. | Ē. | Ţ. | У. П | | <u>7</u> | Ţ. | Ξ 7. | ij. | Ξ 7. |
| ŝ | Î | - | 3 | Ē | 9 | Ξ, | ž | Ĩ | - | (1) | 3 | ž | 0.4 | Ţ | $\hat{\bar{x}}$ | ž | Ž. | ž | $\bar{\bar{x}}$ | - T | - | = | £. | - | <u>x</u> | ≅ | 2 | 9 | - | 7 | Ξ | Rei |
| 5.5 | : | ¥.4. | <u>;</u> | ŝ | 18.7 | | $\frac{\pi}{\epsilon}$ | ÷, | | 7. | 1.66 | 71.1 | ₹.¥ | - | <u>:</u> | <u>∔.</u> ≃.* | ÷- | ÷. | = | 17. | 474 | 4.3 | ž. | - | | = | <u>~</u> | 344 | 4 | 11.1 | <u>.</u> | 3 |
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| 11-11√ | A -! -! | <u>} -</u> - - | ^ - · | <u>></u> | > - - - - | 2 1:1 | ^ + · · | 2 5.1 | 2 1 | A -1 -1 -1 | ^ - - - | ^ -i - | A 1-1 N | A-1-1-1 | ^I 1:1√ | ^ + · · · | A+ | A+ | 11.44 | > | ^ | <u>^</u> -1 - 1- - | <u>^</u> ; | <u>^</u> | 11-1-1 | ^; - - - | > 1 -1 -1 | ^ - - - | ^ - - - | A-1-1-14 | >++.: ::- | 21. |

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) Bequence 2, Application USZO8250846;
; Patent No. 5856177
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INFORMALION FOR SEQ ID NO. .
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REGISTRATION NUMBERS (4,05)
RELEASED CAPEAR TO MANAGE (111,05)
REGISTRATION (81,05)
RE
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CLASSIFICATION, 4.9.
AUTHORIEY/AGENT INFORMATION:
NAME: Sharp Esq., Janice A.
REGISTRATION NUMBER: 44,05.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Fatenth Release #1.0, Version #1.2 CURRENT APPLICATION DATA:
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COMPUTEK: HAM FC compatible
OPERATING SYSTEM: PC DOSYMS DOS
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MOLECULE HYPOTHETICAL: NO

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ANTI-SENSE: NO

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CDS 2153...2332

FEATURE

LOCATION:

4492..4596

FEATURE

NAME/KEY:

CDS

LOCATION: FEATURE:

2944..3027

NAME/KEY:

3900..4121

FEATURE:

NAME/KEY

FEATURE

NAME/KEY: LOCATION: NAME/KEY: ORGANISM:

CDS 2437...2832

FEATURE

LOCATION: NAME/KEY:

4723..4812

35

NAME/KEY:

LOCATION:

4945..5100

FEATURE

LENGTH: 7559 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

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Sequence 5, Application PC/TUS9601735
GENERAL INFORMATION:
APPLICANT: Marks, Andrew R.
                                                                                                                                                                                                                                                                                rerrent similarity.
Best Local Similarity:
Ouery Match:
                                                                                                                                                                                                                                                US-10-090-990A 2 (1 325) x US 09 259-848-2 (1-7559)
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                                                                             TITLE OF INVENTION: HOMAN T CLLL INSSTTEE, 1,4,5, TRISPRESPHATE TITLE OF INVENTION: RECEPTOR NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM
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CITY: New York
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2154..2331

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NAME/KEY LOCATION: NAME/KFY LOCATION: NAME/KEY

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4723..4812

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3900..4121

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exon 2153..2332 6789..7079

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OTHER INFORMATION IN

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APPERANCH KIDST COLORD E.

LILLE OF INVENTIONS COMPOSITIONS AND METBORS FOR OVARIAN

LILLE OF INVENTIONS COMPOSITIONS AND BLACKWESTS

FILE DELETENCE: 210121 450-2

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CHARL SHILL DATE: 1399 00 16
                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0
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S77'S CHAMMIN NOTIVALISTICAL
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US 09 043 303.)
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                                                                                                                                                                                                                                                                                                    Patent No. 6120989
                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/O85065540
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CURRENT FILING DATE: 1998-05-18
FARLIER APPLICATION RUMBER: 1575
EARLIER FILING DATE: 1996-07-18
NUMBER OF SEQ 1D NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: TSUJI, Shoji
APPLICANT: SANPEL, Kazujiro
                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                     COMPUTER READABLE FORM:
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                                                                       COUNTRY: USA
COMPUTER:
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US-09-043-303-5
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 Query Match:
                 Best Local Similarity:
                                   Percent Similarity
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                                                                                  Alignment Scores:
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                                                                                                                                                                                                                                                                      SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ISUJI, Shoji
APPLICANT: SANFEL Kassjiro
TILLE OF INVENTION: Method for Diagnosing Spinocerebellar Alaxia Type
TILLE OF INVENTION: Primers Therefor
FILE REFERENCE: 0760-0241P
                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER - HS/09/043 303 CURRENT FILING DATE: 1998-05-18
                                                                                                                                                                                                                                                                                                      EARLIER FILING DATE: 1996-07-18 NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                       BARLIER APPLICATION NUMBER - PCT/1046/01499
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TELEFAX: (212) 838-3894
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                      NAME/KEY: CLS
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                                                                                                                                                                  LOCATION: (341)..(583)
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: Sequence 25, Application 05,08506553C : Patent No. 6120989
                                                                                                           RESULT 8
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APPLICANT: Vershapen, Ball; Hirderer, Walter; Sommeborn, Han-H.)
APPLICANT: Plachter, Bodo; and Jahn, Gerhard
TITLE OF INVENTION, ISOLATED HUMAN SYSTEMEOAD WINGS
TITLE OF INVENTION, FOLYFETIDES AND USES THERBOF
NUMBER OF SEQUENCES: 26
                                   GENERAL INFORMATION:
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(NFORMATION FOR SEQ ID NO:
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SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICANT. Plachter, Bodo; and Jahn, Gerhard
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                                                                    US-10-080-980A-2 (1-325) x US-08-815-190A-1 (1-846)
                                                                                                                          Query Match:
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                                                                                                                                                                               Score
                                                                                                                                                                                                    Pred. No.:
                                                                                                                                                                                                                     Alignment Scores:
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                                                                                                                                                                Percent Similarity.
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LIMITUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERALING SYSTEM: PC-(MS/MS EOS

SOFTWARK: Patentin Helbase #1.0, Version #1.30

CURRENT APPLICATION NUMBER: 11-MAR-1007

FILING DATE: 11-MAR-1007

CLASSIFICATE
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NAME: Apple, Randolph T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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APPLICANT: Vasquez, Maximiliano
IIILE OF INVERTION: Fus Ligand Fusion Froteins and Their
TITLE OF INVENTION: Uses
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                                                                                                                                                                                                                                                                       OTHER INFORMATION:
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CITY: San Francisco
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STRANDEDNESS: single
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; Sequence 34, Application US/08339214; Patent No. 6348334; GENERAL INFORMATION:
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; ratent No. 6348334
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US-08-339-214-33
                                                                                                                                                                                                                                                                                         ES 10 090 990A-2 (1-225) x ES-09-339-214-33 (1-924)
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APPLICANT: Suda, Takashi
APPLICANT: Suda, Takashi
APPLICANT: Takahashi, Tomoniro
APPLICANI: Nakamura, No. 6488334io
APPLICANI: Nakamura, No. 6488334io
APPLICANI: Nakamura, No. 6488334io
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APPLICANT: Nagata, Shiqikazu
APPLICANT: Esda, Tikashi
APPLICANT: Takahashi, Tomoniro
APPLICANT: Nakamura, No. 6348334io
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear models acid MOLECULE TYPE: other models acid presentellow. /desc "DNA"
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MEDIUM TYPE: Ploppy disk
COMPUTER: HM PC compatible
OPERATING SYSTEM: PC-tws/MS-Fos
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NAME: Murphy Jr., Gerald M.
REGISTEATION NUMBER: 28,977
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TITLE OF INVENTION: A Fas Ligand, A Fragment Thereof and DNA
TITLE OF INVENTION: Encoding the Same
NUMBER OF SEQUENCES: 103
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STREET: P.O. Box 747
CLTY: Falls Church
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REFERENCE/DOCKUT NUMBER: 1110-139P
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Fitent No. 5343334
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APPLICANT: Nakamura, No. 544844ic
LITLE OF INVENTION: Encoding the Same
NUMBER 4 SEQUENTES: 154
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Halls of INVENTION: Encoding the Same
NUMBER of SEQUENCES: To (
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RESULT 2
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                                                        cell culture; drug screening; gone therapy; antiinflammatory; antiasthmatic; antiarthritic; hasmostatic; antiarteriosclerotic; c_T^* equatic; extespetic; massterpic; andimot; classide; antibac
                                                                                                              myeloid cell disorder; lymphoid cell disorder; asthma; arthritis; chronic inflammatory condition; proliferative relinopathy; atherosclerosis; coronary heart disease; arterial ischaemia; base disorder, osterperesis; rascular growth disorder; base disorder.
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                                                                                                     tissue regeneration; wound healing; infection;
                                                                                                                                                                           inhibin; chemotaxis; chemokinesis; thrombolysis, oncodenesis;
proliferation, metastasis, cancer, tumour; hacmatopoletic disorder;
                                                                                                                                                                                                         haematopoiesis regulation: tissue growth; immunomodulator; activin;
                                                                                                                                                                                                                                                      Human VM106R.1 homoloque-encoding cDNA, SEQ ID NO:992.
                                                                                                                                                                                                                                                                                    11-JAN-2002
                                                                                                                                                                                                                                                                                                                                              ABA09216 standard; cDNA; 906
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                                                                                                                                                                                                                       mytokine: cell preliferation; cell differentiation; prowth factor;
                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                       immune disorder;
                                                           figuride; antibacterial;
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                                                           Appropriate process
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                                                                                                                                                  All times and classical
                               West local Similarity:
                                                                                                                                                                                                                                                           bacterial and burdal intections in addition to immune disorders. Follypeptides with growth factor activity may be used in cell cultures to promote cell growth. For example, such polypeptides may be used to manipulate atom cells in culture to give rise to neurospithelial cells that can be used to argument or replace cells damaged by illness, and one location are collected damaged. The polypeptides and uncleotides may also be used in the diagnosts of the above conditions, and in drug screening techniques. The prosent sequence represents a cDNA encoding a novel bumon polypeptide of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             thrombolytic activities; receptor or limind activities; or may be involved in our sequences of the proliferation or metastasis. Experience of the properties and nucleotides of the invention are useful for preventing. The find or ameliorating medical conditions, e.g., by protein or gene therapy. Such conditions include conditions, e.g., by protein or gene therapy. Such conditions include
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   or polypeptides in a sample, and methods of identifying compounds which band to polypeptides of the invention. Although novel, many of the polypeptides of the invention have homology to known proteins, thereby string in insight into their probable biological activities, and hence potential therapeutic applications. The polypeptides of the invention may have variets activities, including cytokine, cell proliferation or cell differential caractivities; stem cell growth factor activity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    produterative retinopathy, atheroselerosis, coronary heart disease, arteria, ischaemia, bone diseaders (e.g., esteporosis), and abnorm massevant at each folypophides involved with tissue requiration and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  haemat peresas regulatory activity; tissue greath activity; musus medulatory activity; activit or inhibin related activities; clasmostatic, thrombotic or chemostatic activities; haemostatic, thrombotic or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                beating (e.g., of burns, incisions and offers), while those with numerical datatory activities may be used in the treatment of viral,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            end arthritis and cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Howard protestic and DNA encoding sequences useful for preventing treating a medical condition in a mammalian subject
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               27 APR 2000; 2000BS 0560875;
                                                                                                                                                                                                             248 sinc somethics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cancera: haemateprietic disorders (e.a.,wgeloid or lymphoid cell
disorders). chronic intlammatery conditions (e.a., asthma or arthritis)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   antibodies against the polypeptides, methods of detecting the nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               modestate of the invention, methods of producing the movel polypeptides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              despetated ARAPATAS to rectors and recombinant host cells comprising a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Responses ARRESON ARRESON represent 1850 novel human polypeptides, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Claim 1: Pupe 844 845; 1963pp; English.
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ABL06735 Standard; cDNA; 847 BP
                                                                   intertility, to regulate haemostasis or thrombodysis c.a. to treat stroke and cancer, to screen for drugs, to treat intiammatory conditions e.g. rheumatoid arthritis, and to treat nervous system disorders e.g.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present invention provides the protein and coding expenses of 444 movel bundar proteins. These were isolated from our present sequences tag (8818). They can be used to stronglate self-growth, to reach the haddlesself around the body trassection with
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 1: SEO ID NO 175: Supply English.
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meuroprofeetive: and Sparkinsonian; profess therap) (ES).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Yang YF, Thu C, Zhon P. Asundi V. Zha
Xue AJ, Yang Y. Wehrman I, Iumanac KI;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (HYSE ) HYSEQ INC
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                                                                                                                                                                                                                                                                                                                                                              Parkinson's disease. The present sequence is a coding sequence of the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABQ40654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-080-980A-2 (1-325) x ABL06735 (1-847)
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drug: side effect: cancer; central nervous system; cardiovascular,
                                                                Human: cytosise methylation, 5'-opolat,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New isolated numbers acid detection reagent for detecting 1000 or more genes from Drosophila and for elucidating cell signalling and cell-cell
                                                                                                                                                                                                Oligonucleotide for detecting cytosine mothylation SEQ ID NO 27245.
                                                                                                                                                                                                                                                                                                                                       12-JUL-2002 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The invention relates to an isolated mucleic acid detection reagent capable of detecting 1000 or more genes from Drosophila. The invention is
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Oligio Jelestide for detecting cytosine methylation sty 15 Mc 27246
                                                                                           ABQ40655;
                                                                                                                                          ABQ40655 standard: DNA; 854 BP
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                                            12 JUL-2002 (first entry)
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SNP; cell differentiation; ds.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 12; 56pp + Sequence Listing; 56pp; German
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05 SEP 2000; 2000DE 1044543;
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12 JUL 2002
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(Yitan terit)
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classes of oligomers, the degree of methylation is calculated. The method
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                                                                                                                                                                                                                                                                                                                                                                               CC This invention describes a novel method for determining the degree of CC methylation of a particular sytusine in a modificacy Cpc 3', present in a CC genomic sample of DNA. The sample is treated chemically to convert. CC DNA that contains the target C is amplified to form a labeled amplicon. CC The amplicon is hybridised to two classes, each with at least one CC member, of oligonucleoides and/or perhibe and the determined from the CC and the decree of hybridisation to both classes is determined from the CC label on the amplicon. From the ratio of labels bybridised to the two CC classes of oligonors, the decree of methylation is calculated. The method CC is used: (i) for directly, cardiovascular, state of discretified to the central norrows, cardiovascular, state of testinal and respiratory CC systems etc., particularly by detecting malations of cell or tissue CC polymorphisms (SNP's); and (ii) for differentiation of cell or tissue CC polymorphisms (SNP's); and (ii) for differentiation for cell or tissue CC methylation status of many C residues to be determined simultaneously. ABO13410-ABO54121 represent genomic DNA sequences used to illustrate the CC method for determining the degree of cytestice methylation described in CC control of the propertion.
ABL06734 standard; cDNA; 2847 BF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oligonariestide for detecting sytosine methylation SEQ ID NO 260
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05-8EP-2000; 2000DE-1044843
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                                   Oligonucleotide for detecting cytosine methylation SEO ID No 31023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           insecticides, therapeutics and pharmaceutical drugs. The invention discresses generate that sequences (ARTEREAR METER), expressed DNA sequences (ARTEREAR ARLIGITS) and the encoded proteins (ARBS7737-AB872072).
Human, cytosine methylation, 5' CpG 1', unacil: cytosine; diagnosis
                                                                                                                                             ABC41432 standard, DNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 useful in developmental biology and in elucidating cell signalling and cell-cell interactions in higher cubaryotes for the development of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New isolated macheic acid detection reapont for detecting 1000 or more genes from Drosophila and for elucidating cell signalling and cell-cell
                                                                     12-JUL-2002 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The sequence data for this patent did not form part of the printed specification, but was obtained in electronic functional directly from WIPo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to an isolated nucleic acid detection reagent capable of detecting 1990 or more genes from Broscophila. The invention
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for diagnosis and prognosis, comprises selective hybridization of
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              Observation of the detecting rytosine methylation SEO ID No. 41024
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RESULT 12

ABQ40656;

ABQ40656 standard; DNA; 854 BP

12-JHL-2002

(first entry)

US-10-080-980A 2 (1-325) x ARQ44433 (1-504)

Query Match:

Percent Similarity: Best Local Similarity:

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Conservative: Mismatches: Indels:

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Alignment Scores: Pred. No.:

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therapeutic drugs and of a wide range of diseases, e.g. cancer, disorders of the central nervous, cardiovascular, distributes that and respiratory systems etc., particularly by detecting mutations or sinche nucleotide polymorphisms (SNP's); and (ii) for differentiation of cell of tissue types and for investigating cell differentiation, the mothod allows the methylation status of many C residues to be determined simultaneously. ANO[34]0.ANO[34]2] represent depands to be determined simultaneously mathed for determining the degree of cytosine methylation described in
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SNP; cell differentiation; ds.
Sequence 504 BB; 201 A; 151 C; 45 C; 107 T; 0 other;
                                                                                                        the disclosure of the invention.
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ABQ40657
ID ABQ4
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                                                                             RESULT 13
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05-SEP-2000; 200008-1044543
   ABQ40657 standard; DNA; 854 BP
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CC EMA that contains the target C is amplified to form a labeled amplicon. CE IMA that contains the target C is amplified to form a labeled amplicon. The amplicon is hybridised to two classes, each with at least one member, of digenories des and/or peptide nucleic acid (FHA) oligomers and the degree of hybridised to both classes is determined from the labeled of the amplicon. From the tartic of labeled hybridised to the two classes of digeners, the degree of methylation is calculated. The method is used (i) for diagnosts and/or products of side effects of the target of algebraic and for algebraic and for algebraic and for algebraic products of side effects of the control because and to a labeled and posteriors. The method is a particularly by detecting mutations of single nucleotide polymorphisms (SNE's), and (ii) for differentiation of cell or tissue types and for investigating cell differentiation. The method allows the polymorphisms (SNE's), and (iii) for differentiation of cell or tissue types and for investigating cell differentiation. The method allows the polymorphism (SNE's), and (ii) for differentiation of cell or tissue types and for investigating cell differentiation. The method allows the polymorphism (SNE's), and (iii) for differentiation of cell or tissue types and for investigating cell differentiation of cell or tissue types. About 140-Aboth 140-Ab
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05-SEP-2000; 2000DE-1044543.
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gastroiatestical, respiratory system, single nucleotide polymorphism;
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vid- effect, cancer, central normous system, cardiovascular;
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Sequence 854 BP, 322 A; 302 C; 98 Ü -3 ·>

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for disheris and productis, comprises selective hybridization of
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DEFINITION VERSION SOURCE 2 Best Local Similarity: Percent Similarity: FEATURES COMMENT BC01 176 US-10 Score Alignment Scores: ORIGIN BASE COUNT REFERENCE ORGANISM JOURNAL AUTHORS REMARK CDS No.: 080 (380K) (1982°) & RESTRICK (1988) 3086 bp. mRNA linear PRI 07-SEP-1 Homo sapiens, clone M57-21736 IMAGE-4521896, mPNA, complete eds BC013764 BC013764 1 GI-15489329 Clone distribution MCC close distribution information in the function of M A.G.E. Consortium/LLNE at: http://image.llnl.gov.series: IRAK Plate 28 Bow j Colonno. 12 DNA Sequencing by: Baylor College of Medicine Human Genome Sequencing Center cDNA Library Preparation: Life Technologies, Inc cDNA Library Arrayed by: The L.M.A.G.E. Consortion Contact: MGC help desk Submitted (04-SEP-2001) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genemics office, National Cancer Institute, 31 Center Drive, Room 11A03, Bothesda, MD 20992-2590, Lumaijota, Metažea, Cherdata, Craniata, Vertebrata, Euteleostodi, Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 το 3086) <u>ත්</u> ට Contact: villalon=bom.tmc.edu. Villalon, D.K., Luna, P.A., Hale, S.M., Hulyk, S., Lu, X., Garcia, A.M., Holloway, M., Telford, B, Hodgson, A., Bouck, J., Yu, W., Muzny, P.M., Gibbs, R.A. Email: cgapbs-r@mail.nih.gov Web site: http://www.buse-bem rme edu/edna/ Center code: BCM-HGSC Tissue Procurement: ATCC Direct Submission Strausberg, R. Homo sapiens LEQAFDKLSESGFHMVACSSTGTCAFASSIDQSEDKIWTSYTEYVFCRE' 1 805 c 810 g 757 t /tissue_type="Testis, en /clone_lib="NHH_MGC_92" /lab_host="DH10B" /tolo="Vector: pcMV-STG TIGEDAQADAK FERVARITYOOKTSI AK EVEGDTI NESEDDEPPERYTSRYYLKENE YVTRRCTVVSVPDSLLWRMFTQQQPQFLARDSKOPFFI DPDGFLFRYILDYLRDLQLV /db_xref="tāxon:9606" /r\ope="MGC:21736 IMAGE 4521096" YSEPEQQEGASAGAPSPTLELASRSPSGGAAGPLLTPSQSLDGSRRSGYITTGYRGSY LPDYFPERSKLQREAEYFELPELVRRLGANGGFGFGFYFSEEGVHKEGSLGFELLFLG A substant -1 /db_xr+f="LocusTb+42475" /organism="Homo sapiens" Location/Qualifiers 100.00% 2.62c-303 325.00 100.00% .1065 "Vester | POMV-Speare" http://mgr noi nih.gov Gaps: Mismatches oniteviosuo Indels: Matches: embryonal darcinoma" Consortium (LLNL) PRI 07-SEP-2001

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                          Submitted (10-III: 2001) Sanger Pentre, Hirston, Cambridgeshire, CB10 ISA, UK. B-mail enquiries: humquery#sanger.ac.uk Clone requests: clonerequest-sanger.ac.uk
On Sep 8, 2000 this sequence version replaced di:6482057
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    trung of No but the exact sizes of the gaps are unknown.
    Thus record will be updated with the finished sequence.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAGTTCAACTTCCTGGAGGCAGTCTTTCGACAAGCGGTTTCGAGTTGGGGCTTTCCACATGGTG
                                                                                                                                               Assembly program: MGAP1 version 4.5 Sequencing vector. plasmid, 108752, 100% of reads Chemistry: Eyo-formingfor Rig Dyo; 100% of reads Consensus quality: 220597 bases at least 240 Consensus quality: 234299 bases at least 230 Consensus quality: 234299 bases at least 230 Consensus publity 241173 bases at least 220 Insert size: 24598: sum-of-configs Insert size: 24598: sum-of-configs Insert size: 240986; agarose fp Unality coverage. 2.52% in 220 bases, sum of such 13s Such 10g Constitute (1.00) and 10g Consensus (1.00) agarose fp C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryotu; Metazoa; Chordata; Craniata, Vertebrata, Euteleostomi,
Mammalia: Eutheria: Primates; Catarrhini; Hominidae; Homo.
                                                                                                                   coverage: 3.92x in Q20 bases; agarose-fp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Center project name: bA453N22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: humquery sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Web site.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Submitted (12-JUN-2001) Singer Centre, Hinston, Cambridgeshire, CB10 ISA, UK. E-mail enquiries: humquery@sanger.ac.uk Clone requests: clonerequest~sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Direct Submission
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PROCRESS ★★★, 53 unordered pieces
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NOTE: This is a 'working draft' sequence. It current consists of 53 contigs. The true order of the pieces
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* is not known and their order in this sequence record is
* arbitrary. Caps between the conting are represented as
* runs of N, but the exact sizes of the daps are unknown.
* This record will be updated with the finished sequence
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                                                                                                                                       123531 124630: qap of
123631 127097 oott
123631 27097 37 oot
127098 127197: 37 oot
127188 129684: cont
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                                                             143793 143892: gap of 143893 | 118766, cunt
                                                                                          132133 132232 Gup of
132233 143792: compin of
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115556 115655; gap of - - 160 bp
115656 - 118593; contig of 2938 bp in length
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103960 104059: gap of
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22221 32320: gap of 100 bp in length
32331 35153: contig of 2823 bp in length
35154 35252: gap of 100 bp
35254 37649: contig of 2396 bp in length
37550 37749: gap of 100 bp
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                     152258: contid of
156922: contiq of
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              89150: contid of 3483 bp in length
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| 63088: contig of 6545 bp in length
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10046: contid of 4257 bp in length
146: gap of 109 bp
12624: contid of 2478 bp in length
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Birren,B., Nusbaum,C., Lander,E., Ali,A., Allen,N., Anderson,S., Barna,N., Rastien,V., Hoom,T., Bouslawkiy,L., Boukhya ter,B., Camarata,J., Chany,J., Chararc,P., Cheepel,V., Callymore,A., Cook,A., Cooko,P., Darollinc, V., Newir,K., Dian,J.S., Nodes,S., Farreira,P., FitzGerold,M., Gade,D., Galayan,J., Cardyna,S., Cord,S., Craham,L., Grand Pierre,N., Hagos,B., Gardyna,S., Cord,S., Craham,L., Grand Pierre,N., Hagos,B., Gardyna,S., Cord,S., Craham,L., Johnson,F., Tones,G., Kamel,A., Horton,L., Hulme,W., Illev,I., Johnson,F., Tones,G., Kamel,A., Candon, L., Grand, P., Lindblad-Toh,K.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Submitted (23-NOV 2001) Whirehead Institute/MJT Center for Genome Research, 320 Charles Street, Cambridge, MA 02141, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished
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Roman, J., Pry, A., Scharer, S., Schupback, P., Seaman, S., Severy, P., Smith, C., Spencer, B., Stange Thomasin, N., Stojanosio, N., Talamas, J. Tesfago, S., Thoudore, J., Topham, K., Travers, M., Vissillev, H., Vici, E., Vo, A., Wilson, B., Wu, X., Wyman, D., Young, G., Zainoun, J., Zembek, L., Zimmer, A., and Zody, M., Pirest Cubmission Liu,G., MacLean,G., Macdonald,P., Major,J., Matthews,G., McCarthy,M., Meldrin,J., Meneus,L., Mihova,T., Mionga,V., Marthy,T., Hury,L.,J., Mayer,G., Hi,A.I.S., Horba,T., Norman,G.H., O'Connor,T., O'Connell,P., O'Neil,D., Oliver,J., Peterson,X., Phunkhang,D., Pierre,N., Baymond,G., Retta,B., Rise,G., Regov,P., Reman,J., Phy,A., Scherer,S., Schupberk,P., Seaman,S., Severy,P.,

Submitted (29-A93-2992) Whitchead Institute/MFT Center for Genome Research, 320 Charles Street, Cambridge, MA 0,141, 198A on Aug 20, 2002 this sequence version replaced dillocate wore identified using Dependence:
All repeats were identified using Dependence of Smit, A.F.A. & Green, P. (1996-1997)

Center. Whitehead Institute/ MIT Center for Genome Research

Contact: sequence_submissionsagenome.wi.mit.edu ,'.'*w∀ seq.wi.mit.edu

Insert size, 151000, agarose-tp Insert size: 145479; sum-of-contids Quality coverage: 9.8 in 220 bases, awarose-tp Quality coverage: 10.2 in 220 bases; sum-of-contids Chemistry: Bye terminator Big Dye; 100% of re Assembly program. Shrap, Tersion 0.960731 Consensus quality: 144679 bases at least 040 Consensus quality: 145225 bases at least 040 Consensus quality: 145355 bases at least 040 Consensus quality. 145355 bases at least 020 Consensus quality. 145355 bases at least 020 Consensus quality. 145355 bases at least 020 Consensus quality. Sequencing vector: Plasmid; n/a; 100% of reads Summary Statistics of reads

as soon as it is available and the accession number will

cently of 8402 bp in length up of 190 bp in length contig of 18544 bp in length 100 bp

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145979: contig of 36045 bp in length 100 bp

39520. .47921 /mote-"assembly_fragment" 37165. .39419 /note "assembly_fragment" /clone_lib:"RPCI-23 Female Mouse BAC" /mote "assembly_fragment

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* NOTE: This record contains 54 individual

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Choepel,Y., Colangelo,M., Collins,S., Colly Cooke,P. DeArellano,K., Dewar,K., Diar, 1 Seriotra,P., FitzHugh,W., Gage,D., Galagan,
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Birren, B., Linton, L.,
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Besearch, 320 Charles Street, Cambridge, MA 02141, USA
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                                                                                                                                                                                                                                              Center project name: L13647 Center clone name: 20_N_10
                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: sequence_submissions@genome.wi.mit.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Center code: WIBE
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                                                                                                                                                                                                                                                                                                                                                               Project Information
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    and the order in which they appear is completely
    arbitrary, Low-pass sequence sampling is useful for
    identifying clones that may be generich and allows

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     he preserved.
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22688 22754:
22755 2349
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25891: con
25892 25991: gap of
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23558 242
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10556 11234: contig of 679 bp in length
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13778 14476; contig of 699 bp in length
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18693 19398: contiq of 706 bp
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12839 12938: contin of 739 bp in length
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4902 ____5646: contid of 745 bp in
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959: gap of 100 bp
22654: control of 695 bp
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21038: contid of 713 bp
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16095: contiq of 719 bp in length
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10455: contig of 628 bp in length
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16889: contid of 694 bp
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15276: contig of 700 bp in length
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8890: contig of 739 bp in length
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2365; contig of 720 bp in length
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27556: contid of 753 bp in length
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                                                                                             Submitted (26-JUL-2002) Wellcome Trust Sanger Institute, Hinxton, Cambridgeshire, CB10 ISA, UK. E-mail englifter bunguery@sanger ac uk Clone requests; choracterpest@sanger ac uk cross replaced gradient de uk cross control of the co
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* consists of 9 configs. The troe order of the paeces 
* is not known and their order in this sequence record is 
* arbitrary. Gaps between the configs are represented as
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* This record will be updated with the finished sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Lareddeson, R., Jia, Y., Johnson, R., Johnson, R., Reinson, R., Reinson, E., Reiny, S., Khom, J., Kiell, R., Lewis, L.C., Lewis, L., Kartson, C., Kershi, A., Landry, M., Ledlard, L., Liu, W., Loud Seqed, H., Li, J., Li, Z., Lichtarde, O., Lieu, P., Liu, J., Liu, W., Loud Seqed, H., Sevieb, R.J., Lou, X., Derier, A., Berier, R., Louna, R., Martinez, E., Mondowly, E., Mondowl, M., Mortakar, M., Morris, R., Morgan, M., Morris, S., S., Wireshaller, M., Mohabbat, K., Morgan, M., Morris, S., S.
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belander, K.E. belander, J., Denn A.L., Ding, Y., Dinh, H.H.,
belander, K.E. brander, H., Dogar Roba, S., Durbin, K.J.,
beartharit, C., Edards, C., Elhaj, C., Escotto, M.,
Eartharit, C., Edard, D., Edards, N., Ford, J., Foster, P., Frantz, P.,
Ethia, L., Ferraputo, D., Edards, N., Ford, J., Foster, P., Frantz, P.,
Intual, A., Sao, L., Garcia, A., Sarner, D., Garra, N., Gill, R.,
Sarner, H.L., Geevarra, W., Ganaratre, F., Halves, A., Hernandez, J.,
Bernins, C., Harris, K., Hart, M., Haylak, P., Hawes, A., Hernandez, J.,
Bernins, C., Badgson, A., Honnes, M., Holloway, C., Hollins, B.,
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Pares, A., Payton, B., Peersy, L., Perses, L., Pickers, K., Carens, K., Pickers, K., Pares, A., Payton, B., Oulles, M., Ren, Y., Perses, A., Pickers, A., Payton, B., Oulles, M., Ren, Y., Perses, A., Pickers, K., Pickers, A., Payton, B., Oulles, M., Ren, Y., Perses, A., Pickers, A., Polits, M., Ren, Y., Perses, A., Pickers, R., Pickers, A., Payton, B., Oulles, M., Ren, Y., Perses, A., Pickers, A., Polits, M., Ren, Y., Perses, A., Pickers, R., Pickers, A., Payton, R., Perses, A., Payton, R., Perses, A., Payton, R., Perses, A., Payton, R., Perses, A., Payton, P., Payton, P., Perses, A., Payton, P., Payton,
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Rives, M., Pejus, A., Pojuke, Kan, L., Reite, M., Raissen, L., Scherer, S., Scott, d., Shen, H., Shooshdari, N., Sissen, L.,
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Ox. C., Coyle, M. D., Darberno, S. E., David, R.,
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    NOTE: Estimated insert size may differ from sequence length
        (see http://www.lebasilena.do.cdu/size./fenbank draft data html)
    NOTE: This is a "working draft" sequence. It correctly
    NOTE: One is a "working draft" sequence. It correctly
    NOTE: One is a "working draft" sequence.

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Baylor Plaza, Houston, IX 77030, USA
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Weinstock,G. and Gibbs,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Submitted (18-AUG-2000) Whitehead Institute/MIT Center for Genome Research, 320 Sharles Street, Sambridge, MA 62141, USA on Jan 15, 2001 this sequence version replaced gi:9845127.
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O'Donnell,P., O'Neil,D., Olivar,T.M., Oliver,J., Peterson,K.,
Pierre,N., Fisani,C., Follara, V., Frynssd,C., Eickark, M., Silc,S.,
Propov,P., Pothman,D., Foyla, Sanios,P., Schauer,S., Severy,P.,
Sougnez,C., Speccer,B., Stange Thomann,N., Stojanovic,N.,
Strauss,N., Subramanian,A., Talamas,J., Fosfaye,S., Thoodore,J.,
Tirrell, A., Trayers,M., Trigilio,J., Vassilov,H., Viel,F., Vo,A.,
Wilson,H., Murx., Prigilio,J., Vassilov,H., Viel,F., Vo,A.,
                                                                                                                                                                                                                                                                                                 Smit, A.F.A. & Green, P. (1996-1997)
http://fr. recembers/sisting/scord.pm/SepterMissing bead
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2 (bases 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                               All repeats were identified using RepeatMasker:
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Zimmer,A. and Zody,M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens chromosome 4, clone RP11-452L12
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Contact: sequence_submissions qenome.wi.mit.edu
                                                                                                                                                                                     Center, Whitehead Institute/ MIT Center for Genome Research
                                                     Web site: http://www-seq.wi.mit.edu
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ACCESSION
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Best Local Similarity:
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Mus Busyclas Close RP23 114M21, WORKING DRAFT SEQUENCE, 11 ordered
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* consists of 4 contigs. The true order of the pieces 
* is not known and their order in this sequence record is 
* arkitrary. Caps between the contigs are represented as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       * runs of N, but the exact sizes of the gaps are unknown

    be preserved.

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Anderseniko, Barnaiko, Basties,Mi, Brownit, Begolavkiylo,
Beskhalitetiko, Brownia, Camaratajo, Tampepiano,A., Chandio,
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McEwan.P., McKernan.K., Meldrim.J., Menous.L., Mihova.T
Michalv. Mniphy.L., Naylo.J., Napyen.C., Nicol.K., N
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Kimple A. For Case A. Eelds C. Lakerope
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                                                                                                                                                                                                                                                                                                                                                                 Smith A.F.A. wideren, P. (1996-1997)
https://do.a.org/en.action/planethappedimenters/btml
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Feasureth. Committee Street, Cambridge, MA 02141, USA
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Severy.E., Spencer.B., Stande Homann,N., Stojanovic,N.,
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Janaters, L., Johnesky, J., Deviner, K., Liuse, Mackean, C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Darrect Submission
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Thataro, B., Choopel, Y., Colandelo, M., Collins, S., Collymore, A.,
Tsok, A., Choke, P., DeArellano, K., Lowar, K., Diaz, J.S., Boder, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (Bases I to 183088)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   i spham. K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Carnouncel, Zembek,L., Zimmer,A. and Zody,M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Translated of the Property
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           in Apr 12, 2002 this sequence version replaced girl8408472.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (bases 1 to 183058)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    repeats were identified using RepeatMasker:
                                                                                                   Contact: sequence submissions genome.wi.mit.edu
                                                                                                                                                                Web sites https://www.seq.wi.mit.edu
                                                                                                                                                                                                                 Center codes WIBE
Central project manes
                                                                                                                                                                                                                                                                   Penter: Whitehead Institute/ MIL Penter for Genome Research
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Far PaszAss Keilszels sakorgueskus samazareszku
Lis Johoszky, U. Townselkus Lindblad Johnkus Lings
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ferreira, P., FitzHodh, W., Gage, D., Galagan, J.,
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S., Barna,N., Bastion.V., Bognslavkiy,L., Boukhqalter,
Camerata.L., Campopiano.A., Chana,J., Chazaro.B.,
C. Colandelo.M., Collins,S., Collymore.A., Cook,A.
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Fribers, M., Trivis, N., Trigilio, J., Vassiliev, H.,
A., A., Wilson, B., Wu, X., Wyman, D., Ye, W.J., Young, G.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          . Zembek, L., Zimmer, A. and Zody, M.
                                                                                                                                                                                                                                                                                                                          Genome Center
                                                       Project Intermation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     . Hollmer, W. . Illiev. L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           . Johnson, R., Jones, C.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .. Micol. R., Norba, C.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Roukhqalter, B.,
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are represented as runs of N. The order of the process
is believed to be correct as given toward the sizes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Consensus quality: 181634 bases at
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VERSION
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